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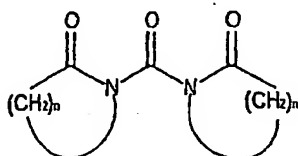
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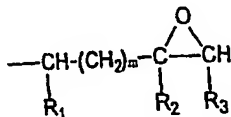
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(54) Title: PROCESS FOR PREPARING A HIGH MOLECULAR POLYCONDENSATE



(I)



(II)

(57) Abstract: The invention relates to a process for preparing a high-molecular polycondensate, i.e. a polyester, a polyamide, a polyester-amide, a polycarbon-ate, a polyether or a block copolymer by melt-mixing a polyester, a polyamide, a polycarbonate, a polyether or a mixture of at least two of these said polycon- densates with a carbonyl bislactam according to formula (I) in which formula n is an integer of between 3 and 15, and a diepoxide. Preferably said diepox- ide is a compound containing epoxy radicals of formula (II), which radicals are linked direct to carbon, oxygen, nitrogen or sulfur atoms, wherein R₁ and R₃ are both hydrogen, R₂ is hydrogen or methyl, and m=0, or wherein R₁ and R₃, taken together, are -CH₂-CH₂- or -CH₂-CH₂-CH₂-, in which case R₂ is hydro- gen and m=0 or 1. The present invention results in a more stable process for the production of a polycondensate with a high molecular mass. Furthermore the polycondensate obtained with the process according to the invention has, even

under extreme process conditions such as high temperature, less discoloration. With the process according to the invention a per- manent increase in the molecular weight of a polycondensate is obtained in an even faster way than with processes according to the state of the art.